

(FILE 'HOME' ENTERED AT 17:47:45 ON 15 AUG 2007)

FILE 'CAPLUS' ENTERED AT 17:48:06 ON 15 AUG 2007

E NIMESULIDE

L1 2 S NIMESULIDE AND TABLETS AND "VINYL ACETATE"  
L2 STRUCTURE UPLOADED

FILE 'REGISTRY' ENTERED AT 18:05:22 ON 15 AUG 2007

L3 STRUCTURE UPLOADED

L4 9 S L3 SSS SAM

L5 194 S L3 SSS FULL

FILE 'CAPLUS' ENTERED AT 18:06:06 ON 15 AUG 2007

L6 5 S L5 AND "VINYL ACETATE"

L7 14 S L5 AND "PYRROLIDONE"

L8 11 S L7 NOT L6

L9 0 S (L8 AND L6) NOT PD>2003

L10 0 S (L8 AND L6) NOT PD>2004

L11 0 S (L8 AND L6) NOT PY>2003

L12 STRUCTURE UPLOADED

L13 STRUCTURE UPLOADED

FILE 'REGISTRY' ENTERED AT 18:34:53 ON 15 AUG 2007

L14 50 S L12 SSS SAM

L15 9283 S L12 SSS FULL

L16 41 S L13 SSS SAM

L17 15358 S L16 SSS FULL

L18 459 S L17 AND L15

FILE 'CAPLUS' ENTERED AT 18:38:56 ON 15 AUG 2007

L19 2879 S L18

L20 2287 S L19 AND COPOLYMER

L21 1463 S L19 (S) COPOLYMER

L22 27 S L21 (S) TABLET

L23 8 S L22 NOT PY>2001

L24 8 DUP REM L23 (0 DUPLICATES REMOVED)

=&gt; d 125 1-3 ti abs ibib hitstr

L25 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

TI Novel nanoparticulate **nimesulide** compositions

AB The present invention provides nanoparticulate **nimesulide** compns. The compns. preferably comprise **nimesulide** and at least one surface stabilizer adsorbed on or associated with the surface of the **nimesulide** particles. The nanoparticulate **nimesulide** particles preferably have an effective average particle size of less than about 2000 nm. The invention also provides methods of making and using nanoparticulate **nimesulide** compns. An aqueous solution of 1% (weight/weight) Plasdone S-630 was combined with 4.25 g of **nimesulide** (5% weight/weight) and stirred for 1 h at 4200 rpm with chilled water (10°) recirculated through the milling chamber. The process yielded a colloidal dispersion of **nimesulide** with a mean particle size of 150 nm, a D50 of 124 nm, a D90 of 256 nm, and a D95 of 293 nm.

ACCESSION NUMBER: 2005:490281 CAPLUS

DOCUMENT NUMBER: 143:48056

TITLE: Novel nanoparticulate **nimesulide** compositions

INVENTOR(S): Bosch, H. William; Wertz, Christian F.

PATENT ASSIGNEE(S): Elan Pharma International Ltd., Ire.

SOURCE: PCT Int. Appl., 87 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005051356	A1	20050609	WO 2003-US32731	20031031
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2544404	A1	20050609	CA 2003-2544404	20031031
AU 2003303744	A1	20050617	AU 2003-303744	20031031
EP 1684725	A1	20060802	EP 2003-815810	20031031
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK			
JP 2007522079	T	20070809	JP 2005-510942	20031031
PRIORITY APPLN. INFO.:			WO 2003-US32731	W 20031031
IT 25086-89-9, Vinyl acetate Vinyl pyrrolidone <b>copolymer</b>				
RL:	THU (Therapeutic use); BIOL (Biological study); USES (Uses) (novel nanoparticulate <b>nimesulide</b> compns.)			
RN 25086-89-9 CAPLUS				
CN Acetic acid ethenyl ester, polymer with 1-ethenyl-2-pyrrolidinone (CA INDEX NAME)				

CM 1

CRN 108-05-4

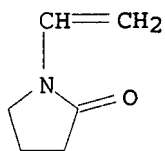
CMF C4 H6 O2

AcO-CH=CH<sub>2</sub>

CM 2

CRN 88-12-0

CMF C6 H9 N O



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L25 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

TI Composite product obtainable by co-grinding of an active principle with a N-vinyl-2-pyrrolidone/vinyl acetate copolymer

AB The present invention describes a method for obtaining composite products comprising an active substance supported by a carrier, in which the carrier is the linear copolymer of N-vinyl-2-pyrrolidone (NVP) with vinyl acetate (VA). The composite products are obtained by co-grinding of the dry mixture of the active substance and of the aforesaid carrier. The composite products thus obtained have better physicochem. properties (lower melting enthalpy and/or lower melting temperature of the active substance) and a higher dissoln. speed with respect to composite products obtained with the same-co-grinding time with other carriers used in prior techniques. Furthermore, the composite products obtained with the technique according to the present invention have the appearance of powders that are easier to work from a pharmaceutical point of view (flow, compression) with respect to composite products previously obtained with other carriers. For example, 16.6 g of nimesulide were mixed with 49.8 g of NVP/VA for 15 min. The powder was then poured into the grinding chamber of a low energy vibrational mill and the grinding was carried out for 2 h.

ACCESSION NUMBER: 2005:14190 CAPLUS

DOCUMENT NUMBER: 142:100401

TITLE: Composite product obtainable by co-grinding of an active principle with a N-vinyl-2-pyrrolidone/vinyl acetate copolymer

INVENTOR(S): Olivieri, Aldo; Bonanomi, Michele; Pazzi, Piergiorgio

PATENT ASSIGNEE(S): Bioprogress S.p.A., Italy

SOURCE: PCT Int. Appl., 27 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

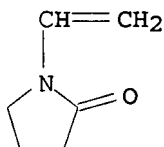
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	----	-----	-----

WO 2005000273 A1 20050106 WO 2003-IT401 20030627  
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
AU 2003304242 A1 20050113 AU 2003-304242 20030627  
EP 1638527 A1 20060329 EP 2003-741075 20030627  
EP 1638527 B1 20061025  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK  
AT 343377 T 20061115 AT 2003-741075 20030627  
US 2006141038 A1 20060629 US 2005-561707 20051221  
PRIORITY APPLN. INFO.: EP 2003-741075 A 20030627  
WO 2003-IT401 A 20030627  
IT 25086-89-9, Vinyl acetate-N-vinyl-2-pyrrolidone **copolymer**  
RL: PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)  
(composite product obtained by co-grinding of active principle with vinylpyrrolidone/vinyl acetate **copolymer** carrier)  
RN 25086-89-9 CAPLUS  
CN Acetic acid ethenyl ester, polymer with 1-ethenyl-2-pyrrolidinone (CA INDEX NAME)  
CM 1  
CRN 108-05-4  
CMF C4 H6 O2



CM 2

CRN 88-12-0  
CMF C6 H9 N O



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L25 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Topical sprays containing film-forming polymers  
AB A topical, medicinal spray composition comprises one or more medicaments in a

volatile vehicle, and one or more film-forming polymers. When sprayed on a topical site, the composition forms a stable, breathable film from which the medicaments are transdermally available. Preferably, the composition comprises 0.1-30 % of one or more medicaments, 0.1-15 % film-forming polymers, 0.1-10 % solubilizers, 0.1-8 % permeation enhancers, 1.0-10 % plasticizers, and a vehicle q.s. 100 %. The invention includes a spray dispenser containing the topical composition. An aerosol contained estradiol

2, PVP

K-30 6, vinylacetate-vinylpyrrolidone copolymer 4, vitamin E 1, polyethylene glycol-6000 2, polyethylene glycol 3, dichlorodifluoromethane 24.9, and trichloromonofluoromethane 57.1 %.

ACCESSION NUMBER: 2000:553395 CAPLUS  
DOCUMENT NUMBER: 133:155456  
TITLE: Topical sprays containing film-forming polymers  
INVENTOR(S): Lulla, Amar; Malhotra, Geena; Raut, Preeti  
PATENT ASSIGNEE(S): Cipla Limited, India  
SOURCE: PCT Int. Appl., 25 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000045795	A2	20000810	WO 2000-GB366	20000207
WO 2000045795	A3	20010809		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
IN 186668	A1	20011020	IN 1999-BO93	19990205
IN 1999BO00092	A	20050318	IN 1999-BO92	19990205
IN 1999BO00382	A	20050318	IN 1999-BO382	19990520
IN 1999BO00582	A	20051230	IN 1999-BO582	19990817
CA 2359640	A1	20000810	CA 2000-2359640	20000207
AU 200024472	A	20000825	AU 2000-24472	20000207
AU 759515	B2	20030417		
BR 2000007997	A	20011030	BR 2000-7997	20000207
EP 1150661	A2	20011107	EP 2000-902727	20000207
EP 1150661	B1	20031022		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
HU 200105336	A2	20020629	HU 2001-5336	20000207
JP 2002536319	T	20021029	JP 2000-596915	20000207
NZ 513208	A	20030530	NZ 2000-513208	20000207
AT 252380	T	20031115	AT 2000-902727	20000207
PT 1150661	T	20040227	PT 2000-902727	20000207
ES 2209812	T3	20040701	ES 2000-902727	20000207
US 6962691	B1	20051108	US 2000-503843	20000215
ZA 2000005727	A	20001221	ZA 2000-5727	20001017
NO 2001003815	A	20011002	NO 2001-3815	20010803
HK 1042043	A1	20040408	HK 2002-103295	20020502
US 2004213744	A1	20041028	US 2003-686517	20031016
PRIORITY APPLN. INFO.:			IN 1999-BO92	A 19990205

IN 1999-BO93	A 19990205
IN 1999-BO382	A 19990520
IN 1999-BO582	A 19990817
WO 1999-GB2998	W 19990909
IN 2000-BO43	A 20000113
IN 2000-BO44	A 20000113
WO 2000-GB366	W 20000207
US 2000-503843	A1 20000215

IT 25086-89-9, Vinylacetate-vinylpyrrolidone **copolymer**  
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(topical sprays containing film-forming polymers)  
RN 25086-89-9 CAPLUS  
CN Acetic acid ethenyl ester, polymer with 1-ethenyl-2-pyrrolidinone (CA  
INDEX NAME)

CM 1

CRN 108-05-4

CMF C4 H6 O2

AcO-CH=CH<sub>2</sub>

CM 2

CRN 88-12-0

CMF C6 H9 N O

